

ABSTRACT OF THE DISCLOSURE

An electronic control system includes two speed sensors connected to a microcontroller that is configured to read the sensors and perform the process of determining the gear ratio of a vehicle gearbox. The process includes calculating (several times) which of at least two gear ratios the gearbox is engaged in, then adding up the number of times each of the gear ratios was calculated, and then selecting the gear ratio that was calculated the most times as the true gear ratio.